

**Planning Inquiry Stephenson Green Coalville
February 2012**

**Leicestershire County Council
Civic Amenity Contribution**

This statement is additional to my Proof of Evidence (and should be read together with it) and is in response to the Appellants request for further information in their letter of the 20th January 2012. I have used the corresponding letters for reference as set out in that letter.

a) gives robust, quantified evidence of the additional demands that the appeal proposals would place on existing facilities or infrastructure;

All waste from the County Councils Civic Amenity sites has to be measured at the point of disposal or treatment and this provides a total tonnage in any given year that is delivered to the Civic Amenity Sites by householders. For 2009/10 this amounted to 88,935 tonnes.

A national government waste database also provides local authorities with the number of households within its region in any given year and in 2009/10 this figure was 273,353 households.

As such an average weight per household that is being delivered to civic amenity sites within Leicestershire can be calculated; this being 88,935 divided by 273,353 or 0.32 tonnes per household per annum (rounded down).

As such any new development is assessed as generating the same amount of Civic Amenity waste per household and for the proposed development of 1,420 households this would be 1,420 multiplied by 0.320 or 454.4 tonnes per annum.

In 2009/10 the Coalville Civic Amenity site accepted 5,829 tonnes of waste (actual measured figures); hence the expected increase in waste from a development of 1420 households would be 454 divided by 5,829, or 7.7%.

Hence the proposed development would increase (pro rata) waste being delivered to the Coalville Civic Amenity Site by 7.7% which would require additional capacity on site to accommodate this additional waste.

b) gives details of the existing facilities or infrastructure on which the appeal proposals might impact and details of the extent to which they are unable to meet any additional demands;

The nearest Civic Amenity site to the proposed development is the Coalville CA Site. It is expected that residents of the proposed development would use this site. Surveys (as shown in the plan "Site of Application and Coalville CA Site usage" attached to this Statement) undertaken of site users at the Coalville Civic Amenity Site shows that residents (as indicated by the individual markers on the plan) of surrounding villages and towns to the

proposed development use the Coalville Civic Amenity Site and as such it is reasonable to assume that the residents of the proposed development would also use the Coalville Civic Amenity Site. The next nearest Civic Amenity sites are at Barwell, Lount and Shepshed which are considerably further from the proposed development than the Coalville Civic Amenity site.

As detailed in the Civic Amenity Contribution Proof of Evidence the Coalville Civic Amenity Site provides an 'on-demand service' and as such has to accommodate waste being delivered to the site whilst it is open. As such usage of the site can fluctuate through the year; peak usage usually occurs around the spring bank holidays (although other local influences can effect when these peaks occur, for example weather conditions, the economic conditions etc).

Currently the Coalville Civic Amenity Site can accommodate up to 144 tonnes of waste on site at any one time, based on the current number of containers and areas available for the storage of waste, after which the site can no longer accept any further additional waste. This capacity has to be able to accommodate all waste being delivered during a bank holiday weekend as the facilities where waste can then be transported to are generally closed due to planning restrictions.

Traffic count data from the Coalville Civic Amenity Site shows that in May for example, of the total monthly number of users of the site, up to 13.5% of these users can visit the Coalville Civic Amenity Site on a bank holiday weekend. In the same month the total tonnage delivered into the Coalville Civic Amenity Site varies from 623 to 1110 tonnes (the variance being due to the on demand nature of the service provision). Therefore during a peak bank holiday weekend, the Coalville Civic Amenity Site can be accepting up to 13.5% of 1,110 tonnes, or 149.9 tonnes of waste on site at that time.

It is apparent therefore that the existing capacity (144 tonnes) cannot accommodate the potential peak usage of the Coalville Civic Amenity site highlighted above as there is a deficit of 5.9 tonnes of waste.

As detailed in part a) above the proposed development would increase site usage by approximately 7.7%. Hence capacity need at peak times is likely to increase to approximately 161.5 tonnes, at any time due to the proposed development.

Therefore the proposed development would increase the capacity shortfall on site by approximately 11.5 tonnes at peak times.

c) provides details of the County Council's methodology for calculating financial contributions that are shown to be necessary to fund the improvements to facilities or infrastructure that are required to meet the additional demands arising from the development; and,

The County Council's methodology for calculating the contribution per household is based on the cost of providing the existing Coalville Civic Amenity infrastructure against the number of current households using the Coalville Civic Amenity Site. The specific formula is below:-

$D = (A * B) / C$; where

A is the capital cost of providing a Civic Amenity Site based on a recently constructed site;

B is the percentage size of the Coalville Civic Amenity site compared to the Civic Amenity site used for determining A; and

C is the number of households using the Coalville Civic Amenity Site at the last review date

Note that County Council's Civic Amenity sites are different in size therefore the percentage is used to calculate the cost of providing an equivalent sized Coalville Civic Amenity site as currently exists. It should be noted that it generally costs more proportionally to provide a smaller site as it lacks efficiencies of scale but this is not taken into account.

The total contribution request is therefore based on the proposed number of households that would have an impact on the Coalville Civic Amenity Site (some properties are assessed as not having an impact on the Civic Amenity site usage, e.g. student flats, retirement nursing homes etc) multiplied by the above rate (D).

d) gives precise details of the facilities or infrastructure on which any financial contribution will be spent and when.

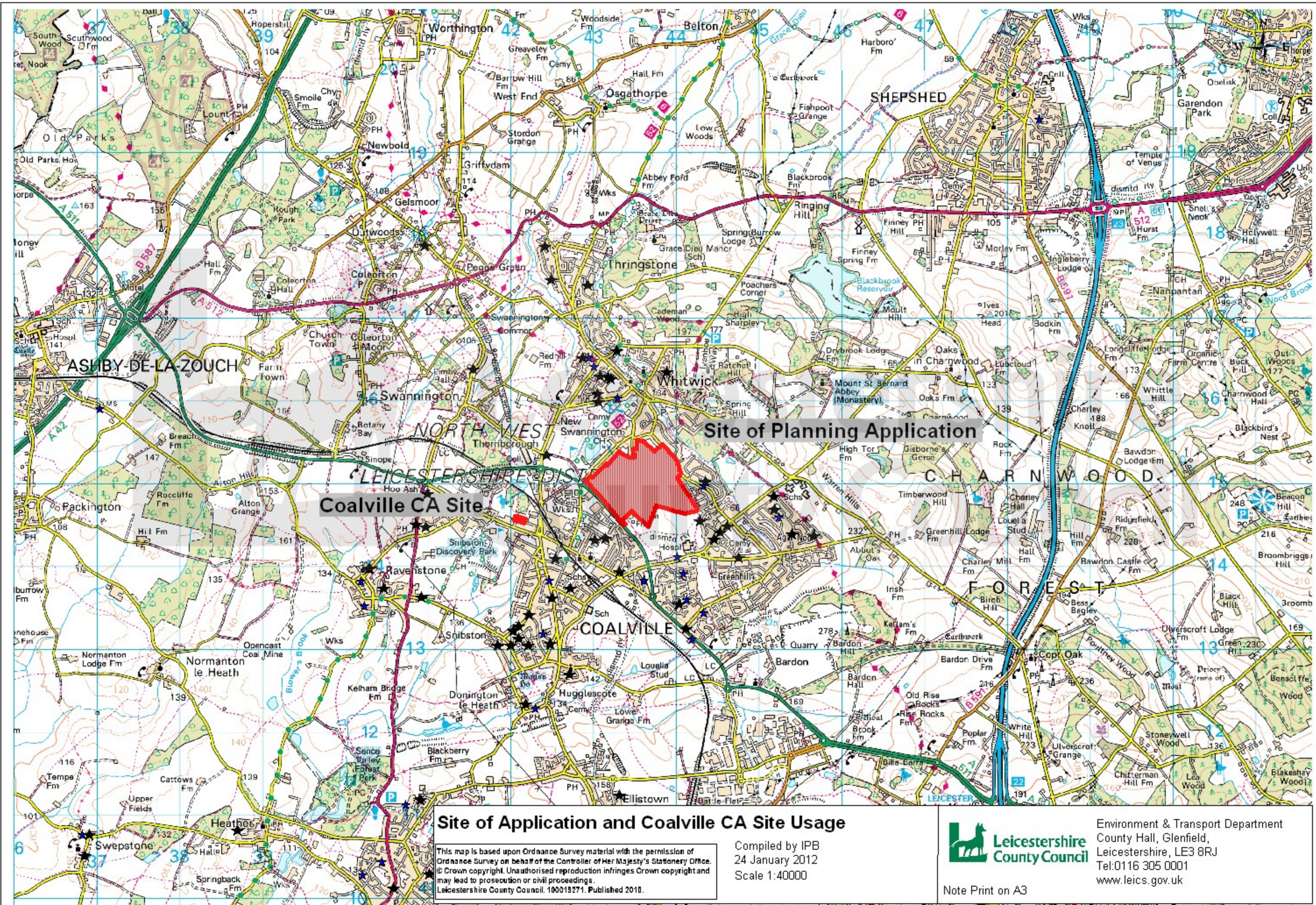
As highlighted above and in the Proof of Evidence it is demonstrated that there is an existing capacity shortfall that would be further increased by the proposed development. The contributions that are requested would be used towards providing additional capacity on the site through the installation and purchase of two pieces of additional compaction equipment and associated containers. The existing cost such new equipment is approximately £30,000 per installation. Currently the Coalville Civic Amenity Site has a limited operational area that cannot easily be expanded without relocation; hence compaction equipment therefore provides the most cost effective additional capacity per unit area at the existing site compared to other options.

Each installation of compaction equipment should increase the overall capacity on site by between approximately 4 to 7 tonnes at any one time (dependent on the composition of the waste being delivered by householders); as such two such installations would provide up to an

additional 14 tonnes worth of capacity at the site. As highlighted in b) above the proposed development would increase the capacity shortfall by 11.5 tonnes at peak times. To provide this additional capacity would hence require (assuming maximum usage of the available capacity) $11.5 \div 14$, or 82% of 2 compactors (or 1.64 compactors).

As the contribution requested only partially offsets the costs of one of the compaction equipment installations it would be envisaged that the shortfall would be made up through other funding sources, for example from other contributions from developments that affect the Coalville Civic Amenity Site. As the Coalville Civic Amenity Site already has an existing capacity shortfall it would be anticipated that the first additional compaction installation would be needed as the first waste arrives from the proposed development and the second installation would be required approximately 40% into the build programme of the proposed development.

Ian Braker



Coalville CA Site

Site of Planning Application

Site of Application and Coalville CA Site Usage

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Environment & Transport Department
County Hall, Glenfield,
Leicestershire, LE3 8RJ
Tel: 0116 305 0001
www.leics.gov.uk

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